Security System

User's Manual

Safewatch Pro® 2000

N7527--5V3 Rev. B 1/01 Model SAVS20ADT-1 or SAVS20ADTG UL File No. S1632

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IMPORTANT!

PROPER INTRUSION PROTECTION

For proper intrusion coverage, sensors should be located at *every possible point of entry* to a home or commercial premises. This would include any skylights that may be present, and the upper windows in a multi-level building.

In addition, we recommend that radio backup be used in a security system so that alarm signals can still be sent to the Customer Care Center in the event that the telephone lines are out of order (alarm signals are normally sent over the phone lines).

EARLY WARNING FIRE DETECTION

Early warning fire detection is important in a home. Smoke and heat detectors have played a key role in reducing fire deaths in the United States. With regard to the number and placement of smoke/heat detectors, we subscribe to the recommendations contained in the National Fire Protection Association's National Fire Alarm Code (NFPA 72). These recommendations can be found on page 34 of this manual.

About This Manual

This manual is a step-by-step guide that will acquaint you with the system's features and benefits. It defines the components and their functions, describes their operation, and provides clear step-by-step instructions for normal and emergency procedures. Keep this manual in a convenient place so that you can refer to it as necessary.

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SYSTEM OVERVIEW

General

Congratulations on your ownership of an ADT Partitioned Security System. You've made a wise decision in choosing it, for it represents the latest in security protection technology today, and millions of premises are protected by ADT systems.

This system offers you three forms of protection: burglary, fire and emergency. Your system consists of at least one touchpad which provides control of system operation, and includes various sensors which provide perimeter and interior burglary protection, plus smoke or combustion detectors designed to provide early warning in case of fire.

The system uses microcomputer technology to monitor all protection zones and system status, display appropriate information on the touchpad(s) used with the system, and initiate appropriate alarms. Your system may also have been programmed to automatically send alarm or status messages over the phone lines to a Customer Care Center.

A Partitioned System

Simply stated, a partitioned system is a single physical alarm system that provides independent areas of protection intended for use by independent users. For the most part, you need not know about other users and their structure in the system, but from time to time, you may see display messages which indicate the system is in use by another user; this is normal. A partitioned system may also have a "common zone" area, which is an area shared by users of both partitions. Refer to the COMMON ZONE OPERATION section for details on using this feature.

Zones

Your system's sensing devices have been assigned to various "zones." For example, the sensing device on your Entry/Exit door may have been assigned to zone 01, sensing devices on windows in the master bedroom to zone 02, and so on. These numbers will appear on the display, along with a description for that zone (if programmed), when an alarm or trouble condition occurs.

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SYSTEM OVERVIEW (Continued)

Burglary Protection

Your system provides three modes of burglary protection: STAY, AWAY, and INSTANT, and allows you to BYPASS selected zones while leaving the rest of the system armed. You must turn on or "arm" the burglary protection portion of your system before it will sense burglary alarms. The system also provides a CHIME mode, for alerting users to the opening of protected doors and windows while the system is disarmed. Refer to the other sections of this manual for procedures for using these features.

The following table lists the four different arming modes and the results of each.

Arming Mode	*Features For Each Arming Mode*			
	Exit Delay	Entry Delay	Perimeter Armed	Interior Armed
AWAY	Yes	Yes	Yes	Yes
STAY	Yes	Yes	Yes	No
INSTANT	Yes	No	Yes	No

Security Codes

At the time of installation, you were assigned a personal four-digit security code, known only to you. You must enter the security code when arming and disarming the system, and when performing other system functions. As an additional safety feature, other users who do not have a need to know your code can be assigned different security codes. Refer to the SECURITY CODES section for procedures on adding security codes to the system.

Fire Protection

The fire protection portion of your security system (if used) is always active and will sound an alarm if a fire condition is detected. A key on the touchpad will enable you to manually initiate a fire alarm, if necessary. Refer to the FIRE ALARM SYSTEM section for important information concerning fire protection, smoke detectors and planning emergency exit routes.

Alarms

When an alarm occurs, both the touchpad and external sounders will sound, and the touchpad will display the zone(s) causing the alarm. If your system is connected to a Customer Care Center, an alarm message will also be sent. To stop the alarm sounding, simply disarm the system.

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SYSTEM OVERVIEW (Continued)

Memory of Alarm

When an alarm condition occurs, the touchpad displays the number(s) of the zone(s) that caused the problem, and displays the type of alarm (ex. FIRE, ALARM). It remains displayed until it is cleared by disarming the system (see DISARMING THE SYSTEM section).

Phone Access & Voice Response Capability

Your system may include a voice module that will permit you to access the system via a Touch-tone phone, either on-premises or by call-in when away. The phone access feature will enable you to do the following:

- Receive synthesized voice messages over the telephone regarding the status of the security system.
- Arm and disarm the system and perform most function commands via the telephone, with voice confirmation provided after each command entry.

Complete information regarding the use of this feature is provided in a separate manual entitled PHONE ACCESS USER'S GUIDE, which accompanies the voice module.

Paging Feature

If the paging feature has been programmed for your system, a pager will respond to certain conditions as they occur in your system. The pager will display code numbers indicating the type of condition that has occurred. Refer to the PAGING FEATURE section later in this manual for detailed information.

Single-Button Paging: The touchpads have a special key (identified as the "D" key) which may be used to signal a Pager. The message displayed on the pager when this key is pressed is **999–9999**. This code could mean "call home", "call your office", or whatever you decide this code will mean. See SINGLE-BUTTON PAGING FEATURE section.

Single-Button Arming Feature

Check with your installer if single-button arming is present in your system.

If programmed for your system, keys A and B on the touchpads may have been programmed for single-button arming without the use of a security code, as follows:

Key A, when pressed for 2 seconds, will arm all protection (AWAY mode).

Key B, when pressed for 2 seconds, will arm the perimeter (STAY mode).

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ENTRY/EXIT DELAYS

General Information

Your system has preset time delays, known as exit delay and entry delay. Whenever you arm your system, **exit delay** gives you time to leave through the designated exit door without setting off an alarm. Exit delay begins immediately after entering any arming command, and applies to all modes of arming protection. If programmed, a slow beeping will sound throughout the exit delay period.

Entry Delays give you time to disarm the system when you re-enter through the designated entrance door. But you must disarm the system before the entry delay period ends, or an alarm will occur. The touchpad beeps during the entry delay period, reminding you to disarm the system. There are two entry delays (if programmed). The first is for your primary entrance and the second can be used for a secondary entrance, where a longer delay is required to walk to the touchpad to disarm the system.

You can also arm the system with no entry delay at all by using the INSTANT arming mode. This mode provides greater security while on the premises or while away for extended periods of time.

See your installer for your delay times.

Partition 1	Exit Delay:	seconds	Entry Delay 1:	seconds
			Entry Delay 2:	seconds
Partition 2	Exit Delay:	seconds	Entry Delay 1:	seconds
			Entry Delay 2:	seconds

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ENTRY/EXIT DELAYS (Continued)

Exit Alarms

To minimize false alarms sent to the Customer Care Center, your system may have been programmed for this feature. Ask your installer if "Exit Alarm" is active for your system.

☐ Exit Alarm Active

Whenever you arm the system, the exit delay begins. If an entry/exit door or interior zone is faulted when the exit delay ends (e.g., exit door left open), the system sounds an alarm and starts the entry delay timer. If you disarm the system before the entry delay ends, the alarm sound stops and the message "CANCELED ALARM" or "CA" is displayed on the touchpad, along with a zone number indicating the faulted zone. No message is sent to the Customer Care Center. **To clear the exit alarm condition,** the open zone must be made intact; to clear the display, enter your code plus OFF.

If you do not disarm the system before the entry delay ends, and an entry/exit door or interior zone is still open, the alarm sound continues and an "exit alarm" message is sent to the Customer Care Center. The message ""EXIT ALARM" or "EA" is displayed on the touchpad, along with a zone number indicating the faulted zone. To stop the alarm, the system must be disarmed (your code plus OFF); to clear the display, enter your code plus OFF a second time.

An "exit alarm" also results if an entry/exit door or interior zone is faulted within two minutes after the end ot the exit delay.

COMMON ZONE OPERATION

☐ Ask your installer if a common zone was assigned.

Your system may have been set up to use a common zone, which is an area shared by users of both partitions, such as a foyer or lobby. If so, please note the following:

- The common zone will sound and report alarms only when **both** partitions are armed. If only one partition is armed, the system ignores faults on the common zone.
- Either partition may arm its system if the common zone is faulted, but once armed, the other partition **will not** be able to arm unless the common zone is first bypassed or the fault is corrected.
- If either partition is armed and the other is in chime mode, the common zone will not chime. The common zone will chime if both partitions are disarmed and either is in chime mode.
- Faults on the common zone are displayed on touchpads in both partitions.
- Either partition can clear and restore the common zone after an alarm.

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ABOUT THE TOUCHPADS

General

Your touchpads allow you to control all system functions. The touchpads feature a telephone style (digital) touchpad and a Liquid Crystal Display (LCD) which shows the nature and location of all occurrences.

The touchpads also feature a built-in sounder which will sound during alarms and troubles. The touchpads also "beep" during certain system functions, such as during entry/exit delay times, in CHIME mode, and when depressing any of the keys (to acknowledge the key press).

IMPORTANT: If the touchpad beeps rapidly upon entering the premises, it indicates that an alarm has occurred during your absence and an intruder may still be on the premises. LEAVE IMMEDIATELY and CONTACT THE POLICE from a nearby safe location.

There are two basic types of touchpads – an **English display** touchpad and a **Custom English display** touchpad (both described below). English display and Custom English display touchpads are functionally the same, even though they have different types of displays. Both types of touchpads are shown on page 12.

2-Line Custom English Display Touchpads

2-line Custom English Display touchpads feature a 2-line, 32-character alphanumeric LCD which can display system messages in friendly English. These touchpads can also be programmed with custom zone descriptors. To access the keys on the touchpad, simply open the swing-down door.

English Display Touchpads

English Display touchpads are functionally identical to Custom English Display touchpads, but the LCD display uses pre-designated words to identify the nature and location of occurrences. To access the keys on the touchpad, simply open the swing-down door.

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ABOUT THE TOUCHPADS (Continued)

English Display Touchpad

AWAY: All burglary zones, interior and perimeter, are armed.

STAY: Perimeter burglary zones, such as protected windows and doors, are armed.

INSTANT: Perimeter burglary zones armed and entry delay is turned off.

BYPASS: This appears when one or more burglary protection zones have been bypassed.

ENGLISH DISPLAY TOUCHPAD

NOT READY: Appears when burglary portion of the system is not ready for arming (due to open protection zones). The system is ready to arm when this message disappears and the READY indicator light comes on.

NO AC: Appears when AC power has been cut off. System is operating on backup battery power.

AC: Appears when AC power is present.

CHIME: Appears when the CHIME feature is activated.

BAT: Low battery condition in a wireless sensor (if zone number displayed) or low system battery (if no zone number displayed).

ALARM: Appears when an intrusion has been detected and the system is armed (also appears during a fire alarm or audible emergency alarm). Accompanied by the protection zone in alarm.

CHECK: Appears when a malfunction is discovered in the system at any time or if an open is detected in a FIRE zone at any time or a fault in a DAY/NIGHT burglary zone during a disarmed period. Accompanied by a display of zone number in trouble.

FIRE: Appears when a fire alarm is present. Accompanied by a display of the zone in alarm.

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FUNCTIONS OF THE TOUCHPADS

1. **DISPLAY WINDOW.**
   Custom English Display Touchpads: These 2-line, 32-character Liquid Crystal Display (LCD) touchpads display protection point identification, system status, and messages.
   English Display Touchpads: Display protection zone ID and system status messages using pre-designated words.
2. [1] **OFF KEY:** Disarms burglary portion of the system, silences alarms and audible trouble indicators, and clears visual display after problem's correction.
3. [2] **AWAY KEY:** Arms the entire burglary system, perimeter and interior.
4. [3] **STAY KEY:** Arms perimeter portion of burglary system only. Interior protection is not armed, allowing movement within premises without causing alarm.
5. [4] This is not a Function key. Used only as a numeric key.
6. [5] **TEST KEY:** Tests the system and alarm sounder if disarmed. Refer to *TESTING THE SYSTEM* section for test procedures.
7. [6] **BYPASS KEY:** Removes individual protection zones from being monitored by the system.
8. [7] **INSTANT KEY:** Arms in manner similar to STAY mode, but without the entry delay feature. Entering via the entry/exit door will cause an instant alarm.
9. [8] **CODE KEY:** Used to assign additional user codes for other users of the system.
10. [9] **CHIME KEY:** Turns CHIME mode on and off. When on, the opening of windows or doors while the system is disarmed will sound 3 beeps at the touchpad(s).
11. [*] **READY KEY:** Used to display all open protection zones.
12. [#] **KEY:** This key can be used for "Quick Arming" of the system without use of a security code (if programmed).
13. **KEYS 0–9†:** Used to enter your security code(s).
14. **READY INDICATOR:** (GREEN) Lit when the system is ready to be armed (no faults present). While the system is disarmed, this indicator will go on and off as protection zones are closed and opened.
15. **ARMED INDICATOR:** (RED) Lit when the system has been armed.
16. **INTERNAL SOUNDER:** The built-in sounder mimics the alarm sounder during alarms, and will also "beep" during certain system functions.
17. **EMERGENCY (PANIC) KEYS:** Keys **A**, B, and C may all have been programmed for emergency functions, however, keys A and B may have been programmed for single button arming instead. For details, see *PANIC KEYS* section.
18. **KEY D:** This key may have been programmed for single-button paging (for details, see the SINGLE-BUTTON PAGING FEATURE section).

† **Note:** Keys [1] through [3] and [5] through [9] each perform their associated companion system functions (OFF, AWAY, STAY, etc.) when preceded by an entry of the security code (as described later).

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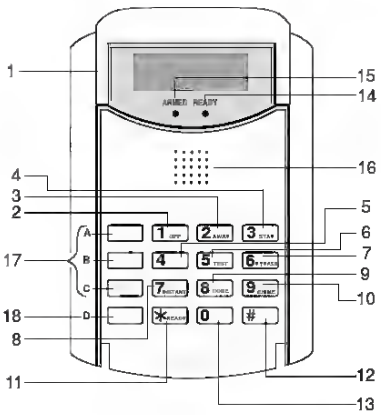
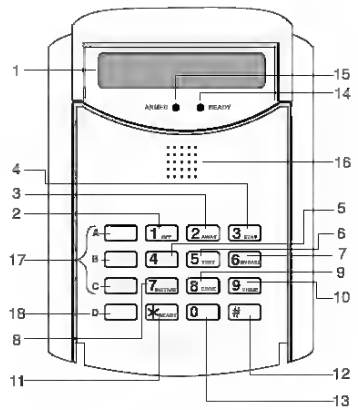


English Display Touchpad



Custom English Display Touchpad

(Touchpads shown without swing-down front door)

IMPORTANT!

- When entering codes and commands, sequential key depressions must be made within 10 seconds of one another. If 10 seconds elapse without a key depression, the entry will be aborted and must be repeated from its beginning. **Be eure to observe this precaution when performing any of the procedures in this manual.**
- If you make a mistake while entering a security code, **stop, prese the [*] key, and then start over**. If you stop in the middle while entering a code, and then immediately start the entry over, an erroneous code might be entered.

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CHECKING FOR OPEN ZONES

Using the [*] READY Key

Before arming your system, all protected doors, windows and other protection zones must be closed or bypassed (see *BYPASSING PROTECTION ZONES* section), otherwise the touchpad will display a "Not Ready" message, and the READY indicator light on your touchpad will not be lit. The READY key can be used to display all faulted zones, making it easier for you to secure any open zone.

To display faulted zones, simply press and release the **READY [*]** key (do not enter code first).

Secure or bypass the zones displayed before arming the system.

The the touchpad's READY indicator light will come on when all protection zones have been either closed or bypassed. The system can then be armed if desired.

TO DISPLAY OPEN ZONES, PRESS THE READY [*] KEY.

TYPICAL DISPLAYS WHEN NOT READY TO ARM

CUSTOM DISPLAY TOUCHPAD

ENGLISH DISPLAY TOUCHPAD

TYPICAL DISPLAYS INDICATING OPEN PROTECTION ZONE (AFTER PRESSING READY KEY)

CUSTOM DISPLAY TOUCHPAD

ENGLISH DISPLAY TOUCHPAD

TYPICAL DISPLAYS INDICATING "READY TO ARM"

CUSTOM DISPLAY TOUCHPAD

ENGLISH DISPLAY TOUCHPAD

"NOT READY" DISAPPEARS AND THE "READY" INDICATOR LIGHT COMES ON

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ARMING PERIMETER ONLY (With Entry Delay ON)

Using the 3 STAY Key

BEFORE ARMING, close all doors and windows (see *CHECKING FOR OPEN ZONES*).

THE **STAY MODE** ARMS THE PERIMETER, BUT ALLOWS USE OF THE ENTRY/EXIT DOOR. PERSONS WITHIN THE PREMISES CAN MOVE ABOUT FREELY.

† Ask your installer if this feature is programmed in your system. If so, place a check in this box ☐

Use this key when staying inside, but expect someone to use an entry/exit door later. It is also useful if you are leaving but someone is staying inside (or if you have pets which are moving throughout the premises.

1. Enter your **security code** and press the **STAY [3]** key. In some systems, pressing the "**B**" key on on the touchpad for 2 seconds will arm the system STAY (no code is required). The "B" key may or may not have been programmed for this. Check with your installer.
2. The touchpad beeps three times and displays the armed STAY message (see displays below). The red ARMED indicator also lights. Note that there is an *exit* delay in effect before arming actually takes place. See the note below.
3. After arming, an alarm sounds immediately if a protected perimeter window or non-entry/exit door is opened, but you may otherwise move freely within the premises.

Anyone entering later can enter through an entry/exit door without causing an alarm, but they must disarm the system within the *entry* delay period to avoid sounding an alarm.

†**Exit Delay Restart.** If you wish to open the entry/exit door to let someone in after arming STAY, you can re-start the *exit* delay at any time – **simply press the [*] key**, then let that person in. This avoids having to disarm the system and then re-arm it again.

Note: When you first arm in the STAY mode, "**You may exit now**" will be displayed on a Custom Display Touchpad during the programmed exit delay. *This delay is in effect even when arming STAY.* When "**You may exit now**" disappears, the system is fully armed.

TYPICAL DISPLAYS – "ARMED STAY"

ENGLISH DISPLAY TOUCHPAD

CUSTOM DISPLAY TOUCHPAD

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ARMING PERIMETER ONLY (With Entry Delay OFF)

Using the 7 INSTANT Key

Use this key when staying inside and do not expect anyone to use an entry/exit door.

CAUTION: Arming the system in this mode will greatly increase the chance of false alarms. Use extreme care in selecting this mode of arming.

BEFORE ARMING, close all doors and windows (see *CHECKING FOR OPEN ZONES*)

1. Enter your **security code** and press the **INSTANT** [7] key.
2. The touchpad beeps three times and displays the armed message. The red ARMED indicator lights. Note that there is an *exit* delay in effect before arming actually takes place. See the note below.
3. After arming, an alarm sounds immediately if **any** protected perimeter door or window is opened, but you may otherwise move freely throughout the premises.

THE **INSTANT MODE** ARMS THE PERIMETER (INCLUDING ENTRY/EXIT DOOR), WITH NO ENTRY DELAY. PERSONS WITHIN THE PREMISES CAN MOVE ABOUT FREELY

An alarm sounds immediately if anyone opens an entry/exit door.

† Ask your installer if this feature is programmed in your system. If so, place a check in this box. ☐

†**Exit Delay Restart.** If you wish to open the entry/exit door to let someone in after arming INSTANT, you can re-start the *exit* delay at any time – **simply press the [*] key**, then let that person in. This avoids having to disarm the system and then re-arm it again.

Note: When you first arm the system in the INSTANT mode, "You may exit now" will be displayed on the second line of a Custom Display touchpad during the programmed exit delay. *This delay is in effect in the system even when arming INSTANT.* When the exit delay period ends, "You may exit now" disappears and the system is fully armed in the INSTANT mode.

TYPICAL DISPLAYS – "ARMED INSTANT"

ENGLISH DISPLAY TOUCHPAD

CUSTOM DISPLAY TOUCHPAD

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ARMING ALL PROTECTION (With Entry Delay ON)

Using the 2 AWAY Key

BEFORE ARMING, close all doors and windows (see *CHECKING FOR OPEN ZONES*)

Use this key when no one will be staying inside.

1. Enter your **security code** and press the **AWAY [2]** key. In some systems, pressing the "**A**" key on the touchpad for 2 seconds will arm the system AWAY (no code is required). The "A" key may or may not have been programmed for this. Check with your installer.
2. The touchpad begins beeping and displays the armed AWAY message. The red ARMED indicator also lights.
3. You must leave through an entry/exit door during the exit delay period to avoid causing an alarm. The touchpad will beep rapidly during the last 5 seconds of the exit delay to warn you that the delay is ending.

After the exit delay expires, the system arms and will sound an alarm if a protected window or non-entry/exit door is opened, or if any movement is detected inside your premises.

You may re-enter through an entry/exit door, but must disarm the system within the entry delay period to avoid an alarm.

THE **AWAY** KEY ARMS THE ENTIRE SYSTEM (INTERIOR AND PERIMETER), BUT ALLOWS USE OF THE ENTRY/EXIT DOOR.

TYPICAL DISPLAYS DURING EXIT DELAY

CUSTOM DISPLAY TOUCHPAD

ENGLISH DISPLAY TOUCHPAD

TYPICAL DISPLAYS AFTER EXIT DELAY (SYSTEM FULLY ARMED IN AWAY MODE)

CUSTOM DISPLAY TOUCHPAD

ENGLISH DISPLAY TOUCHPAD

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DISARMING AND SILENCING ALARMS

Using the 1 OFF Key

IMPORTANT

If you return and the main burglary sounder is on, DO NOT ENTER, but CONTACT THE POLICE from a nearby safe location.

If you return after an alarm has occurred and the main sounder has shut itself off, **the touchpad will beep rapidly upon your entering, indicating that an alarm has occurred during your absence.** LEAVE IMMEDIATELY, and CONTACT THE POLICE from a nearby safe location.

The **OFF** key is used to disarm the system, silence alarm and trouble sounds, and clear alarm memories. **A BURGLARY alarm is a continuous/steady sound from the touchpads and any external sounders.**

To Disarm the System

Enter your **security code** and press the **OFF** key.

The "Ready" indicator light will be lit if all zones are secure, and the touchpad will emit a single tone to confirm that the system is disarmed.

To Silence a Burglary Alarm

SEE IMPORTANT NOTE AT LEFT!

A BURGLARY alarm is a continuous/steady sound.

Enter your **security code** and press the **OFF** key to silence the alarm (or warning tones of a Memory of Alarm).

Note the zone in alarm on the touchpad display, and make that zone intact (close door, window, etc.). Now enter the security code plus OFF sequence *again* to clear the touchpad's **Memory of Alarm** display.

To Silence a Fire Alarm

Simply press the **OFF** key to silence the alarm. Then enter the **security code** plus **OFF** sequence to clear the touchpad's **Memory of Alarm** display. See *FIRE ALARM SYSTEM* section.

TYPICAL BURGLARY ALARM DISPLAY

CUSTOM DISPLAY TOUCHPAD **ENGLISH DISPLAY TOUCHPAD**

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BYPASSING PROTECTION ZONES

Using the [6] BYPASS Key

This key is used when you want to arm your system with one or more zones intentionally unprotected. The system must be disarmed first.

1. Enter your **security code** and press the **BYPASS [6]** key.
2. Enter the **zone number(s)** for the zone(s) to be bypassed (e.g., 06, 10, 13, etc.). *Single digit zone numbers must be preceded by a zero (e.g. 05, 06).*
3. When finished, the touchpad will momentarily display a "Bypass" message for each bypassed zone number. Wait for these zones to be displayed, to confirm their bypass.
4. Arm the system as usual.

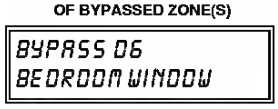
Bypassed zones are unprotected and will not cause an alarm if violated while your system is armed.

LIMITATION
The system will not allow fire zones to be bypassed.

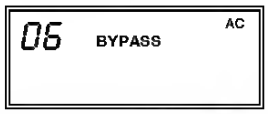
All bypasses are removed when an OFF sequence (security code plus OFF) is performed.

TO BYPASS ZONES:
- Enter code.
- Press **BYPASS** key.
- Enter zone Nos.
- Wait for bypassed zones to be displayed.
- Arm system as usual.

TYPICAL MOMENTARY DISPLAYS OF BYPASSED ZONE(S)

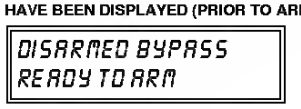


CUSTOM DISPLAY TOUCHPAD



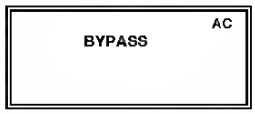
ENGLISH DISPLAY TOUCHPAD

TYPICAL DISPLAYS AFTER ALL BYPASSED ZONES HAVE BEEN DISPLAYED (PRIOR TO ARMING)



CUSTOM DISPLAY TOUCHPAD

THE "READY" INDICATOR WILL LIGHT TO SIGNIFY THAT THE SYSTEM IS READY TO ARM



ENGLISH DISPLAY TOUCHPAD

To display bypassed zones prior to arming (see displays above, right), enter your security code and press the BYPASS [6] key. This will also bypass any open zones at that time (if "Quick Bypass" is enabled – see following page).

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BYPASSING PROTECTION ZONES (Continued)

Quick Bypass

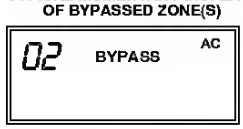
Ask your installer if "Quick Bypass" is active for your system, and if so, check here ☐

If your system supports "Quick Bypass", it allows you to easily bypass all open (faulted) zones without having to enter zone numbers individually. This feature is useful if, for example, you routinely leave certain windows open when arming at night.

To use this feature, enter your security code and, within 10 seconds, press the **BYPASS** [6] key, then stop. In a few moments, all open zones will be displayed along with a "Bypass" message. Wait for all bypassed zones to be displayed, then arm the system.*

*Make sure that only those zones that you wish to leave unprotected are bypassed, and that there are no other zones unintentionally left open. This feature will automatically bypass **all** open zones.

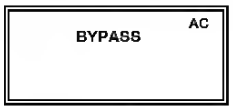
TYPICAL MOMENTARY DISPLAYS OF BYPASSED ZONE(S)



ENGLISH DISPLAY TOUCHPAD

CUSTOM DISPLAY TOUCHPAD

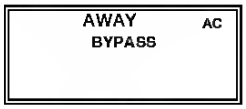
TYPICAL DISPLAYS *AFTER* ALL BYPASSED ZONES HAVE BEEN DISPLAYED (PRIOR TO ARMING)



ENGLISH DISPLAY TOUCHPAD

CUSTOM DISPLAY TOUCHPAD

TYPICAL DISPLAYS *AFTER* THE SYSTEM IS ARMED WITH BYPASSED ZONES



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CHIME MODE

Using the 9 CHIME Key

This feature can be used only while the burglary system is disarmed.

Your system can be set to alert you to the opening of a perimeter door or window while it is disarmed by using CHIME mode.

When activated, three tones will sound at the touchpad whenever a perimeter door or window is opened. Interior zones will not produce a tone when they are activated.

Pressing the **READY** key will display the open protection points.

To turn Chime Mode on:

Enter the security code and press the **CHIME** [9] key. The CHIME message will appear.

To turn Chime Mode off:

Enter the security code and press the **CHIME** [9] key again. The CHIME message will disappear.

TYPICAL DISPLAY WHEN CHIME IS ON

CUSTOM DISPLAY TOUCHPAD

ENGLISH DISPLAY TOUCHPAD

IN CHIME MODE, ANY OPEN PROTECTION POINTS WILL BE DISPLAYED WHEN THE "READY" KEY IS PRESSED

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PANIC KEYS

(FOR MANUALLY ACTIVATING SILENT AND/OR AUDISLE ALARMS)

Using Panic Keys

Your system may have been programmed to use special keys to manually activate emergency (panic) functions. The emergency functions that can be programmed are: Silent Emergency, Audible Emergency, Personal Emergency, and Fire.

Activating a **silent emergency** sends a silent alarm signal to the Customer Care Center,* but there will be no audible alarm or any visual display indicating that a silent alarm has been initiated.

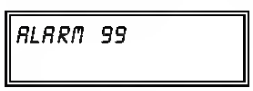
Activating an **audible emergency** sends a signal to the Customer Care Center* and sounds a loud, steady alarm at your touchpad(s) and at any external sounders that may be connected (ALARM plus a zone number is also displayed).

Activating a **personal emergency** alarm sends an emergency message to the Customer Care Center* and sounds at touchpad(s), but not at external bells or sirens.

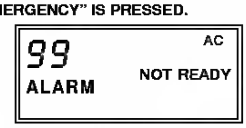
*If connected to the Customer Care Center

Activating a **Fire Alarm** will send a fire alarm message to the Customer Care Center* and will uniquely sound external bells and sirens.

TYPICAL DISPLAYS WHEN A PANIC KEY THAT HAS BEEN PROGRAMMED FOR "AUDIBLE EMERGENCY" IS PRESSED.



CUSTOM DISPLAY TOUCHPAD



ENGLISH DISPLAY TOUCHPAD

NOTE: *Zone 99 is the zone number displayed when an Audible Emergency alarm is initiated via a Panic key*

To Initiate a Panic Function at Any Time

Press any individual lettered key (A, B, or C) that has been programmed for the desired emergency function for at least 2 seconds. **See the chart on the next page for functions that have been programmed for the various keys in your system.**

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PANIC KEYS (Continued)

See your installer and note here any functions programmed for your system.

CHECK IF ACTIVE	PANIC KEY(S)	PLACE A CHECK NEXT TO PROGRAMMED FUNCTION	ZONE DISPLAY
☐	[A]	___SILENT, ___AUDIBLE, ___PERSONAL, ___FIRE, ___ARM AWAY*	95†
☐	[B]	___SILENT, ___AUDIBLE, ___PERSONAL, ___FIRE, ___ARM STAY*	99†
☐	[C]	___SILENT, ___AUDIBLE, ___PERSONAL ___FIRE	96

NOTE: KEY [D] DOES NOT PROVIDE A PANIC FUNCTION (SEE "SINGLE-BUTTON PAGING FEATURE" SECTION BELOW)

* KEYS [A] AND [B] MAY HAVE BEEN PROGRAMMED FOR SINGLE-BUTTON ARMING INSTEAD OF AN EMERGENCY FUNCTION, AS SHOWN.

† THIS ZONE NUMBER NOT DISPLAYED IF KEY HAS BEEN PROGRAMMED FOR SINGLE BUTTON ARMING (ARM AWAY or ARM STAY)

SINGLE-BUTTON PAGING FEATURE

The "D" key on the touchpads can be used to send a signal to a Pager (check if this feature has been programmed in your system). The message displayed on the Pager when the "D" key is pressed is **999–9999**. This code could mean "call home", "call your office", or other message. A prearranged meaning for this signal should be agreed upon. See the illustration on page 12 for the location of the "D" key.

To send a signal to the Pager, simply press the "D" key for at least 2 seconds. The recipient, on seeing the **999–9999** display, will understand the pre-arranged meaning of this signal.

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USING DEVICE COMMANDS

General Information

Your system may be set up so that certain lights or other devices can be turned on or off by using the device command from the touchpad. Ask your installer if this has been done in your system. If programmed for your system, some devices may activate automatically upon certain system conditions. In this case, the following commands can be used to override the device activation. See your installer for a full explanation of this feature.

To activate devices

ENTER SECURITY CODE THEN PRESS # + 7 + DEVICE NUMBER

[ ][ ][ ][ ] + [#] + **7** + [ ]
(Security Code) (Device Number)

Example: [7][2][9][6] then press **#**, then press **7**, then enter the number representing the device you wish to activate. See your installer for device numbers assigned for your system.

To deactivate devices

ENTER SECURITY CODE THEN PRESS # + 8 + DEVICE NUMBER

[ ][ ][ ][ ] + [#] + **8** + [ ]
(Security Code) (Device Number)

Example: [7][2][9][6] then press **#**, then **8**, then enter the number representing the device you wish to deactivate. See your installer for device numbers assigned for your system.

Device	Description	Device	Description
1		5	
2		6	
3		7	
4		8	

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PAGING FEATURE

If the paging feature has been programmed, a pager will respond to certain conditions as they occur in your system by displaying a 7-digit system status code that will indicate the type of condition that has occurred. In some cases, the 7-digit code may be preceded by 16 digits, which can consist of a PIN number, Subscriber account number, or any additional data that you may wish to have sent to the pager in addition to the 7-digit system status code.
The entire pager display format is as follows:

3-digit Event Code

⬇

Optional 16 digits ➡ AAAAAAAAAAAAAAAA – BBB – CCCC **⬅ 4-digit User or Zone No.**

A = Optional 16 digits for Account numbers, PIN numbers, or any other data. This information must be programmed by the installer.

B = A 3-digit code that describes the event that has occurred in your system (see explanation for event codes on the right).

C = A 4-digit User or Zone number, depending on the type of event that has occurred. For alarms and troubles, these digits represent the zone number. For openings (disarming) and closings (arming), these digits represent the user number. In this system, the first 2 digits will always be "00" (e.g., 00**04** will be displayed for zone number 4). Note that single-digit user or zone numbers are always preceded by a zero.

The 3-digit Event Codes (BBB) that can be displayed are:

911 = **Alarms.** The 4-digit number (CCCC) following this code will be the *zone number* that has caused the alarm.

811 = **Troubles.** The 4-digit number (CCCC) following this code will be the *zone number* that has caused the trouble.

101 = **Open (system disarmed).** The 4-digit number (CCCC) that follows this code will be the *user number*.

102 = **Close (system armed).** The 4-digit number (CCCC) that follows this code will be the *user number*.

Examples of typical pager displays follow. Not included in the examples below are the optional 16 digits (preceding the 7-digit status code) that may have been programmed by the installer for additional data.

Example 1. Pager displays: 911–0004 = System is reporting an alarm (911) caused by a fault on zone 4 (00**04**).

Example 2. Pager displays: 102–0005 = System is reporting a closing–system arming (102) by user 5 (00**05**).

Single-button paging, using the "D" key on the touchpad, is also possible (see SINGLE-BUTTON PAGING FEATURE on a previous page).

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SECURITY CODES

General Information

As an additional safety feature, other users who do not have a need to know your code can be assigned different security codes. These secondary users are identified by "user numbers," which are selected when assigning a user's security code. You can assign up 14 additional user codes (user numbers 03-16), including the babysitter and duress codes. Note that the master (primary) user of the system is the only one who can assign codes to secondary (or temporary) users, and is user number 02; user number 01 is reserved for the installer of the system.

All codes can be used interchangeably when performing system functions (a system armed with one user's code can be disarmed by another user's code), with the exception of the babysitter code described below.

Babysitter Code

This code can be used to arm the system in assigned partitions, but cannot disarm the system **unless** the system was armed with this code. This code is typically assigned to someone (such as a babysitter) who has a need to arm/disarm the system only at certain times. The babysitter code is assigned to user 15. The user of this code should **not** use the "Quick Arming" feature described below.

Duress Code

This feature is intended for use when you are forced to disarm or arm the system under threat. When used, the system will act normally, but can silently notify the Customer Care Center of your situation, if that service has been provided. Duress code is assigned to user 16.

Important: This code is useful only when the system is connected to the Customer Care Center.

Quick Arming and Single-Button Arming

Note that if "Quick Arming" was programmed by the installer, the [#] key can be pressed in place of the security code when arming the system.

If so programmed, the "A" and "B" keys on a touchpad can be used for single-button arming AWAY or STAY, respectively. See ARMING ALL PROTECTION and ARMING PERIMETER ONLY sections.

The security code must always be used to disarm the system, however.

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SECURITY CODES

To Add a User or Change a User's Code

Important: Temporary users of the system (e.g., babysitters, cleaning staff) should not be shown how to use any system function they do not need to know, such as bypassing protection zones for example.

Sequential key depressions for all steps in a procedure must be made within 2 seconds of one another, or else the entire entry is aborted and must be repeated from its beginning (e.g., perform steps 1, 2, and 3 below with no delay between steps).

Changing your Master Code
Follow this procedure. Enter your existing Master code + [8] + [0][2] + new Master code + new Master code again.

1. [ ][ ][ ][ ] + CODE [8] (Master Code)
   Enter master code, then press CODE key.
   Example: [7][2][9][6] then press the CODE key.
2. [ ][ ] (User Number)
   Enter user number. Enter the 2-digit User Number (03-16) for the user you are adding or changing.
3. [ ][ ][ ][ ] (User's Code)
   Enter user's code.
   Enter the new 4-digit security code for that user.

To Delete a User

1. [ ][ ][ ][ ] + CODE [8] (Master Code)
   Enter master code, then press CODE key.
   Example: [7][2][9][6] then press the CODE key.
2. [ ][ ] (User Number)
   Enter user number.
   Enter the 2-digit User Number (03-16) for the user whose code you are deleting.
3. ----------
   Stop.
   Wait (about 3 seconds) until the touchpad beeps once before pressing any other key. The code is automatically deleted.

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TESTING THE SYSTEM
(TO BE CONDUCTED WEEKLY)

Using the 5 TEST Key

The **TEST** key puts your system into the Test mode, which allows each protection point to be checked for proper operation. The touchpad sounds a single beep every 40 seconds as a reminder that the system is in the Test mode.

Note: An alarm message will not be sent to your Customer Care Center during the following tests.

1. **DISARM THE SYSTEM.** Disarm the system and close all protected windows, doors, etc. The READY indicator light should come on if all zones are intact (i.e., all protected windows, doors, etc. are closed.

ENGLISH DISPLAY TOUCHPAD

CUSTOM DISPLAY TOUCHPAD

2. [ ][ ][ ][ ] + [5] (TEST) **Enter the security code, then press TEST key.**
(Security Code) Example: [7][2][9][6] then press the TEST key.

3. **Listen.** The external sounder should sound for 1 second and then turn off. If the sounder does not sound, CALL FOR SERVICE IMMEDIATELY.

4. **Fault zones.** Open each protected door and window in turn and listen for three beeps from the touchpad. Identification of each faulted protection point should appear on the display. The display will clear when the door or window is closed.

(Continued)

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TESTING THE SYSTEM
(CONTINUED)

Walk in front of any interior motion detectors (if used) and listen for three beeps. The identification of the detector should appear on the display when it is activated. The display will clear when no motion is detected. Note that if wireless motion detectors are used, there is a 3-minute delay between activations. This is to conserve battery life.

To test all smoke detectors, follow the manufacturer's instructions. The identification of each detector should appear on the display when each is activated.

If a problem is experienced with any protection point (no confirming sounds, no display), CALL FOR SERVICE IMMEDIATELY.

When all protection points have been checked and are intact (closed), there should be no zone identification numbers displayed on the touchpad.

When testing is completed, exit the TEST mode by continuing with step 5.

5. ☐☐☐☐ + OFF **1** **Exit test mode.**

(Security Code)

Enter your security code and press the OFF key.
If the test mode is inadvertently left active, it automatically turns off after 4 hours.

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TROUBLE CONDITIONS

"Check" and "Battery" Displays

The word **CHECK** on the touchpad's display, accompanied by a "beeping" at the touchpad, indicates a trouble condition in the system.

To silence the beeping for these conditions, press any key.

1. **A display of "CHECK" and one or more zone numbers** indicates that a problem exists with the displayed zone(s) and requires your attention. Determine if the zone(s) displayed are intact and make them so if they are not. If the problem has been corrected, the display can be cleared if you enter the OFF sequence (security code plus OFF key) twice. If the display persists, CALL FOR SERVICE.

   Note: A display of **CHECK 70** on English Display touchpads indicates that the wiring connection to the external sounder is at fault (opened or shorted), and you should CALL FOR SERVICE. See "BELL FAILURE" on next page. A display of **CHECK 90** indicates that RF interference may be impeding the operation of wireless sensors* in the system. See "**Rcvr Jam**" on next page.

   * Not all systems use wireless sensors.

2. **If there are wireless sensors* in your system,** the **CHECK** condition may also be caused by some change in the environment that prevents the wireless receiver from hearing a particular sensor. CALL FOR SERVICE if this occurs.

IF YOU CANNOT CORRECT A "CHECK" DISPLAY, CALL FOR SERVICE AT ONCE.

TYPICAL "CHECK" DISPLAYS

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CUSTOM ENGLISH DISPLAY

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TROUBLE CONDITIONS (Continued)

Words or letters in parentheses ( ) are those that are displayed on English Display Touchpads. ⬇

Other Trouble Displays

* Any "beeping" that accompanies a trouble display can be stopped by depressing any key on the touchpad or by entering an OFF sequence (code + OFF)

** Not all systems use wireless sensors.

1.	**COMM. FAILURE** (or **FC**)	Indicates that a failure has occurred in the telephone communication portion of your system. CALL FOR SERVICE IMMEDIATELY.
2.	**SYSTEM LO BAT** (or **BAT** with no zone No.)	Indicates that a low system battery condition exists. Display is accompanied by "beeping"* at the Touchpad. If this condition persists for more than one day (with AC present), CALL FOR SERVICE.
3.	**LO BAT** + zone descriptor (or **BAT** with zone No.)	Indicates that there is a low battery condition in the wireless transmitter** number displayed. Accompanied by a single "beep"* (once every 40 seconds) at the Touchpad. Either replace the battery yourself, or CALL FOR SERVICE. If the battery is not replaced within 30 days, a **CHECK** display may occur.
4.	**Rcvr Jam** (or **CHECK 90**)	Wireless part of the system is experiencing RF interference which may impede reception from wireless sensors **
5.	**MODEM COMM** (or **CC**)	Indicates that the control is on-line with the Customer Care Center's remote computer. The control will not operate while on-line. Wait a few minutes. Display should disappear.
6.	**BELL FAILURE** (or **CHECK 70**)	Indicates that the wiring connection to the external sounder is at fault (open or shorted). Accompanied by "beeping" at the touchpad. CALL FOR SERVICE IMMEDIATELY.

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TROUBLE CONDITIONS (Continued)

Other Trouble Displays (Continued)

7.	**AC LOSS** is displayed (or **NO AC**)	The system is operating on battery power only due to an AC power failure If only some lights are out on the premises, check circuit breakers and fuses and reset or replace as necessary If AC power cannot be restored and a "low system battery" message appears (see item 2 on the previous page), CALL FOR SERVICE
8.	**Busy-Standby** (or **dl**)	If this remains displayed for more than 1 minute, system is disabled. **CALL FOR SERVICE IMMEDIATELY.**
9.	**OPEN CIRCUIT** (or **OC**)	The touchpad is not receiving signals from the control. CALL FOR SERVICE.
10.	**Long Rng Trbl** (or **bF**)	If part of your system, back-up Long Range Radio communication has failed. CALL FOR SERVICE.

Total Power Failure

If there is no touchpad display at all, and the READY indicator is not lit, operating power (from AC and back-up battery) for the system has stopped and the system is inoperative. **CALL FOR SERVICE IMMEDIATELY.**

In The Event Of Telephone Operational Problems

In the event of telephone operational problems, disconnect the control from the phone line by removing the plug from the phone wall jack. We recommend that your installer demonstrate this disconnection on installation of the system. Do not attempt to disconnect the phone connection inside the control. Doing so will result in the loss of your phone lines. If the regular phones work correctly after the control has been disconnected from the phone wall jack, the control has a problem and you should immediately call for service. If upon disconnection of the control, there is still a problem on the phone line, notify the telephone company that they have a problem and request prompt phone repair service. The user may not under any circumstances attempt any service or repairs to the security system. Repairs must be made only by ADT authorized service (see the LIMITED WARRANTY statement for information on how to obtain service)

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FIRE ALARM SYSTEM (IF INSTALLED)

General

Your fire alarm system (if installed) is on 24 hours a day, for continuous protection. In the event of an emergency, the strategically located smoke and heat detectors will automatically send signals to your system, triggering a loud, interrupted pulsed sound* from the Touchpad(s). This sound will also be produced by any external sounders. A FIRE message will appear at your Touchpad and remain on until you silence the alarm (see below for silencing fire alarms).

*Temporal pulse sounding is produced for Fire alarms, as follows:
3 pulses–pause–3 pulses–pause–3 pulses–pause . . . , repeated.

TYPICAL FIRE EMERGENCY DISPLAYS

CUSTOM DISPLAY TOUCHPAD

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Silencing Fire Alarms

1. You can silence the alarm at any time by pressing the **OFF** key (the security code is not needed to silence fire alarms). To clear the display, enter your code and press the **OFF** key again (to clear Memory of Alarm).
2. If the Touchpad's FIRE display does not clear after the second OFF sequence, smoke detectors may still be responding to smoke or heat producing objects in their vicinity. Investigate, and should this be the case, eliminate the source of heat or smoke.
3. If this does not remedy the problem, there may still be smoke in the detector. Clear it by fanning the detector for about 30 seconds.
4. When the problem has been corrected, clear the display by entering your code and pressing the **OFF** key.

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FIRE ALARM SYSTEM (Continued)

Manually Initiating a Fire Alarm

1. Should you become aware of a fire emergency before your detectors sense the problem, go to your nearest Touchpad and manually initiate an alarm by pressing the panic key assigned for FIRE emergency for 2 seconds. Check below, and in the PANIC KEYS section.
2. Evacuate all occupants from the premises.
3. If flames and/or smoke are present, leave the premises and notify your local Fire Department immediately.
4. If no flames or smoke are apparent, investigate the cause of the alarm. The zone number(s) of the zone(s) in an alarm condition will be displayed at the Touchpad.

Panic Key Assigned for FIRE Emergency

The "A" key has been assigned for manually initiating a FIRE alarm.

Important: Verify this with your installer.

Press [A] for 2 seconds.

DISPLAYS FOLLOWING MANUAL INITIATION OF A FIRE ALARM

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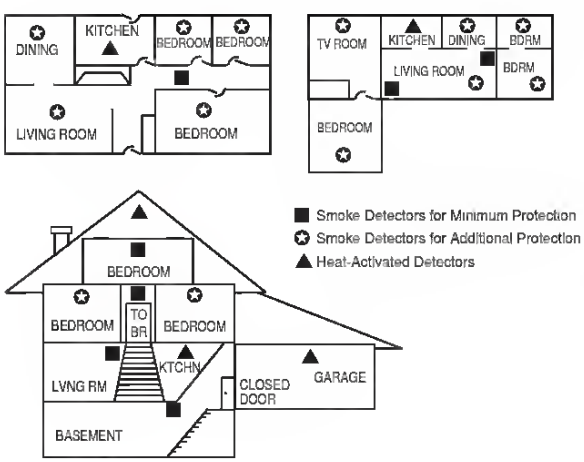
NATIONAL FIRE PROTECTION ASSOCIATION RECOMMENDATIONS ON SMOKE DETECTORS



With regard to the number and placement of smoke/heat detectors, we subscribe to the recommendations contained in the National Fire Protection Association's National Fire Alarm Code (NFPA 72) noted below.

Early warning fire detection is best achieved by the installation of fire detection equipment in all rooms and areas of the household as follows:
A smoke detector installed outside of each separate sleeping area, in the immediate vicinity of the bedrooms and on each additional story of the family living unit, including basements and excluding crawl spaces and unfinished attics.

In addition, the NFPA recommends that you install heat or smoke detectors in the living room, dining room, bedroom(s), kitchen, hallway(s), attic, furnace room, utility and storage rooms, basements and attached garages.

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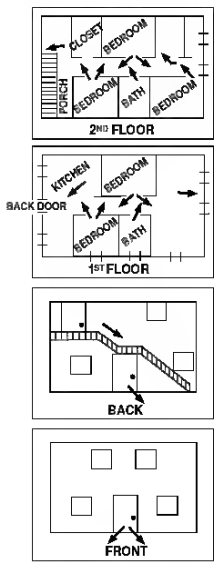
EMERGENCY EVACUATION

Steps to Safety



Establish and regularly practice a plan of escape in the event of fire. The following steps are recommended by the National Fire Protection Association:

1. Plan on your detector or your interior and/or exterior sounders warning all occupants.
2. Determine two means of escape from each room. One path of escape should lead to the door that permits normal exit from the building. The other may be a window, should your path be unpassable. Station an escape ladder at such windows if there is a long drop to the ground.
3. Sketch a floor plan of the building. Show windows, doors, stairs and rooftops that can be used to escape. Indicate escape routes for each room. Keep these routes free from obstruction and post copies of the escape routes in every room.
4. Make sure that all bedroom doors are shut while you are asleep. This will prevent deadly smoke from entering while you escape.
5. Try the door. If the door is hot, check your alternate escape route. If the door is cool, open it cautiously. Be prepared to slam the door if smoke or heat rushes in.
6. In smoky areas, crawl close to floor, hold your breath, and/or cover mouth and nose with a wet cloth.
7. Escape quickly, don't panic.
8. Establish a common meeting place outdoors, away from your premises, where everyone can meet and then take steps to contact the authorities and account for those missing. Choose someone to assure that nobody returns to the premises — many die going back.

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MAINTAINING YOUR SYSTEM

Taking Care of Your System

The components of your security system are designed to be as maintenance-free as possible. However, to make sure that your system is in reliable working condition:

1. Test your system weekly.
2. Test your system after any alarm occurs (see *TESTING THE SYSTEM*).

Silencing Low Battery Warning Tones at the Touchpad

You can silence the touchpad's warning tones by pressing the OFF key, but the touchpad's low battery message display will remain on as a reminder that you have a low battery condition in one or more of your sensors. When you replace the weak battery with a fresh one, the sensor will send a "good battery" signal to the control as soon as the sensor is activated (opening/closing of door, window, etc.), causing the low battery display to turn off. If the sensor is not activated, the display will automatically clear within approximately 1 hour.

Replacing Batteries in Wireless Sensors

Wireless sensors may not have been used in your security system

Each wireless sensor in your system has a 9-volt or 3-volt battery. The system detects a low battery in any wireless sensor, including smoke detectors, the optional personal emergency transmitter, and the optional portable wireless touchpad. (A low battery in a portable wireless touchpad is detected as soon as one of its keys is pressed, and the wired touchpad will display "**00**".)

Alkaline batteries provide a minimum of 1 year of operation, and in most units and applications, provide 2–4 years of service. 3-volt lithium batteries provide up to 4 or more years of operation. Actual battery life will depend on the environment in which the sensor is used, the number of signals that the transmitter in the sensor has had to send, and the specific type of sensor. Factors such as humidity, high or low temperatures or large swings in temperature, may all lead to the reduction of actual battery life in an installation.

If you have a low battery in a wireless sensor, a low battery message is displayed on the touchpad.

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MAINTAINING YOUR SYSTEM (Continued)

In addition, a battery-operated smoke detector with a low battery also emits a single "chirp" sound approximately once every 20–30 seconds, identifying itself as the smoke detector with the weak battery.

Note: The low battery message comes on as a warning that battery replacement in indicated sensor(s) is due within 30 days. In the meantime, a sensor causing a low battery indication is still fully operational.

Important: Use only batteries recommended by your installer as replacement.

Routine Care

- Treat the components of your security system as you would any other electrical equipment. Do not slam sensor-protected doors or windows.
- Keep dust from accumulating on the touchpad and all protective sensors, particularly on motion sensors and smoke detectors.
- The touchpad and sensors should be cleaned carefully with a dry soft cloth. ***Do not spray water or any other fluid on the units.***

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QUICK GUIDE TO SYSTEM FUNCTIONS

FUNCTION	PROCEDURE	COMMENTS
Check Zones	Press READY key.	To view faulted zones when system not ready.
Arm System	Enter code. Press arming key desired (AWAY, STAY, INSTANT)	Arms system in mode selected.
Quick Arm (if programmed)	Press #. Press arming key desired (AWAY, STAY, INSTANT)	Arms system in mode selected, quickly and without use of code.
Bypass Zone(s)	Enter code. Press BYPASS key. Enter zone number(s) to be bypassed (use 2-digit entries)	Bypassed zones are unprotected and will not cause an alarm if violated.
Quick Bypass (if programmed)	Enter code. Press BYPASS key.	Bypasses all faulted zones automatically.
Silence Sounders **Burglary:** **Fire:** **"Check":**	 Enter code. Press OFF key. Press OFF key. Press any key.	 Also disarms system. Memory of alarm remains until cleared. Memory of Alarm remains until cleared. Determine cause.
Disarm System	Enter code. Press OFF key.	Also silences sounders. Memory of alarm remains until cleared.
Clear Alarm Memory	After disarming, enter code again. Press OFF key again.	Touchpad will beep rapidly upon entry if alarm has occurred. Alarm display will remain upon disarming until cleared.
Duress (if active and connected to Customer Care Center)	Arm or disarm "normally", but use your 4-digit Duress code to do so.	Performs desired action and sends silent alarm to Customer Care Center.
Panic Alarms (as programmed)	Press key [A], [B], or [C] for at least 2 seconds.	See the PANIC KEYS section for functions programmed for your system. Keys "A" and "B" may have been programmed for single-button arming (see ARMING PERIMETER ONLY and ARMING ALL PROTECTION sections).
Chime Mode	*To turn ON or OFF:* Enter code. Press CHIME key.	Touchpad will sound if doors or windows are violated while system is disarmed and chime mode is ON.
Test Mode	*To turn ON:* Enter code. Press TEST key. *To turn OFF:* Enter code. Press OFF key.	Tests alarm sounder and allows sensors to be tested.
Phone Access (Smartphone Module) if applicable	Consult *Phone Access User's Guide* that accompanies the Phone Module.	Permits system access remotely, via Touch-tone phone (see pages 6).

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SUMMARY OF AUDIBLE/VISUAL NOTIFICATIONS

(ENGLISH DISPLAY TOUCHPADS)

SOUND	CAUSE	DISPLAY
LOUD, INTERRUPTED* Touchpad & External	FIRE ALARM	**FIRE** is displayed; zone number of zone in alarm is displayed. If a fire alarm is manually activated, zone number 95 will be displayed.
LOUD, CONTINUOUS* Touchpad & External	BURGLARY/AUDIBLE EMERGENCY ALARM	**ALARM** is displayed. Zone number of zone in alarm is also displayed.
ONE SHORT BEEP (not repeated) Touchpad only	a. SYSTEM DISARM b. SYSTEM ARMING ATTEMPT WITH AN OPEN ZONE c. BYPASS VERIFY	a. READY indicator light comes on. b. The number of the open protection zone is displayed. c. Zone numbers of the bypassed protection zones are displayed (one beep is heard for each zone displayed). Subsequently, **BYPASS** is displayed.
ONE SHORT BEEP (once every 40 seconds) Touchpad only	a. SYSTEM IS IN TEST MODE b. LOW BATTERY AT A TRANSMITTER	a. Opened zone numbers will appear. b. **BAT** displayed with zone number of transmitter.
TWO SHORT BEEPS Touchpad only	ARM AWAY	**AWAY** is displayed. Red ARMED indicator is lit.
THREE SHORT BEEPS Touchpad only	a. ARM STAY OR INSTANT b. ZONE OPENED WHILE SYSTEM IS IN CHIME MODE	a. **STAY** or **INSTANT** is displayed. Red ARMED indicator is lit. b. **CHIME** displayed, zone number of open protection zone will be displayed if the [✱] key is pressed.
RAPID BEEPING Touchpad only	a. TROUBLE b. MEMORY OF ALARM c. SYSTEM LOW BATTERY d. EXT. SOUNDER WIRING FAIL	a. **CHECK** displayed. Zone number of troubled protection zone is displayed. b. **FIRE** or **ALARM** is displayed, zone number of zone in alarm is displayed. c. **BAT** displayed with no zone ID number. d. **CHECK 70** is displayed.
SLOW BEEPING Touchpad only	a. EXIT DELAY WARNING (if programmed) b. ENTRY DELAY WARNING	a. **AWAY** is displayed. b. Exceeding the entry delay time without disarming causes alarm.

* If a bell is used as external sounder, fire alarm is *pulsed ring*, burglary/audible emergency is *steady ring*.

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SUMMARY OF AUDIBLE/VISUAL NOTIFICATIONS

(CUSTOM ENGLISH DISPLAY TOUCHPADS)

SOUND	CAUSE	DISPLAY
LOUD, INTERRUPTED* Touchpad & External	FIRE ALARM	**FIRE** is displayed, descriptor of zone in alarm is displayed. If a fire alarm is manually activated, zone number 95 will be displayed
LOUD, CONTINUOUS* Touchpad & External	BURGLARY/AUDIBLE EMERGENCY ALARM	**ALARM** is displayed. If programmed, descriptor of zone in alarm is also displayed
ONE SHORT BEEP (not repeated) Touchpad only	a. SYSTEM DISARM b. SYSTEM ARMING ATTEMPT WITH AN OPEN ZONE c. BYPASS VERIFY	a. **DISARMED/READY TO ARM** is displayed b. The number and descriptor of the open protection zone is displayed. c. Numbers and descriptors of the bypassed protection zones are displayed (One beep is heard for each zone displayed). Subsequently, the following is displayed: **DISARMED BYPASS Ready to Arm.**
ONE SHORT BEEP (once every 40 seconds) Touchpad only	a. SYSTEM IS IN TEST MODE b. LOW BATTERY AT A TRANSMITTER	a. Opened Zone identifications will appear. b. **LO BAT** displayed with description of transmitter
TWO SHORT BEEPS Touchpad only	ARM AWAY	**ARMED AWAY** displayed. Red ARMED indicator lit.
THREE SHORT BEEPS Touchpad only	a. ARM STAY OR INSTANT b. ZONE OPENED WHILE SYSTEM IS IN CHIME MODE	a. **ARMED STAY** or **ARMED INSTANT** displayed. Red ARMED indicator lit b. **CHIME** displayed, descriptor of open protection zone will be displayed if the [*] key is pressed
RAPID BEEPING Touchpad only	a. TROUBLE b. MEMORY OF ALARM c. SYSTEM LOW BATTERY d. EXT. SOUNDER WIRING FAIL.	a. **CHECK** displayed. Descriptor of troubled protection zone is displayed b. **FIRE** or **ALARM** is displayed, descriptor of zone in alarm is displayed c. **SYSTEM LO BAT** displayed d. **BELL FAILURE** is displayed
SLOW BEEPING Touchpad only	a. EXIT DELAY WARNING (if programmed) b. ENTRY DELAY WARNING	a. **ARMED AWAY** is displayed along with **You May Exit Now.** **b. DISARM SYSTEM OR ALARM WILL OCCUR is displayed. Exceeding the delay time without disarming causes alarm.**

* If a bell is used as external sounder, fire alarm is *pulsed ring;* burglary/audible emergency is *steady ring.*

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UL NOTICE: This is a "Grade A" Residential System.

FEDERAL COMMUNICATIONS COMMISSION (FCC) Part 15 STATEMENT

This equipment has been tested to FCC requirements and has been found acceptable for use. The FCC requires the following statement for your information.

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- If using an indoor antenna, have a quality outdoor antenna installed.
- Reorient the receiving antenna until interference is reduced or eliminated.
- Increase the separation between the radio or television receiver and the alarm control.
- Move the antenna leads away from any wire runs to the alarm control.
- Plug the radio or television receiver into a different outlet so that they are on different branch circuit than the alarm control.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user or installer may find the following booklet prepared by the Federal Communications Commission helpful: "Interference Handbook". This booklet is available from the U.S. Government Printing Office, Washington, DC 20402.

The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or User's Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

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FEDERAL COMMUNICATIONS COMMISSION (FCC) Part 68 STATEMENT

This equipment complies with Part 68 of the FCC rules. On the front cover of this equipment is a label that contains, among other information, the FCC registration number and ringer equivalence number (REN) for this equipment. If requested, this information must be provided to the telephone company.

This equipment uses the following jacks: An RJ31X is used to connect this equipment to the telephone network.

The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of the RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to the line, as determined by the total RENs, contact the telephone company to determine the maximum REN for the calling area.

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. If advance notice is not practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe necessary.

The telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advance notice in order for you to make the necessary modifications in order to maintain uninterrupted service.

If trouble is experienced with this equipment, please contact the manufacturer for repair and warranty information. If the trouble is causing harm to the telephone network, the telephone company may request you remove the equipment from the network until the problem is resolved.

There are no user serviceable components in this product, and all necessary repairs must be made by the manufacturer. Other repair methods may invalidate the FCC registration on this product.

This equipment cannot be used on telephone company-provided coin service. Connection to Party Line Service is subject to state tariffs.

This equipment is hearing-aid compatible.

When programming or making test calls to an emergency number, briefly explain to the dispatcher the reason for the call. Perform such activities in the off-peak hours, such as early morning or late evening.

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CANADIAN DEPARTMENT OF COMMUNICATIONS (DOC) STATEMENT

NOTICE

The Canadian Department of Communications label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. In some cases, the company's inside wiring associated with a single line individual service may be extended by means of certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

Caution: User should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

The Load Number (LN) assigned to each terminal device denotes the percentage of the total load to be connected to a telephone loop which is used by the device, to prevent overloading. The termination on a loop may consist of any combination of devices subject only to the requirement that the total of the Load Numbers of all the devices does not exceed 100.

AVIS

L'etiquette du ministère des Communications du Canada identifie le matériel homologue. Cette etiquette certifie que le materiel est conforme a certaines normes de protection, d'exploitation et de securite des reseaux de telecommunications. Le ministere n'assure toutefois pas que le materiel fonctionnera a la satisfaction de l'utilisateur.

Avant d'installer ce materiel, l'utilisateur doit s'assurer qu'il est permis de le raccorder aux installations de l'entreprise locale de telecommunications. Le materiel doit également être installe en suivant une méthode acceptee de raccordement. Dans certains cas, les fils interieurs de l'entreprise utilises pour un service individuel a la ligne unique peuvent etre prolonges au moyen d'un dispositif homologue de raccordement (cordon prolongateur téléphonique interne). L'abonne ne doit pas oublier qu'il est possible que la conformite aux conditions enoncees ci-dessus n'empeche pas la degradation du service dans certaines situations. Actuellement, les entreprises de telecommunications ne permettent pas que l'on raccorde leur materiel aux prises d'abonnes, sauf dans les cas precis prevus par les tarifs particuliers de ces entreprises.

Les réparations du materiel homologue doivent etre effectuees pas un centre d'entretien canadien autorise designe par le fournisseur. La compagnie de telecommunications peut demander a l'utilisateur de débrancher un appareil a la suite de reparations ou de modifications effectuees par l'utilisateur ou a cause de mauvais fonctionnement.

Pour sa propre protection, l'utilisateur doit s'assurer que tous les fils de mise en terre de la source d'energie electrique, des lignes telephoniques de reseau de conduites d'eau, s'il y en a, soient raccordes ensemble. Cette precaution est particulierement importante dans les regions rurales.

Avertissement: L'utilisateur ne doit pas tenter de faire ces raccordements lui-meme; il doit avoir recours a un service d'inspection des installations électriques, ou a un electricien, selon le cas.

L'Indice de charge (IC) assigne a chaque dispositif terminal pour eviter toute surcharge indique le pourcentage de la charge totale qui peut être raccordé a un circuit téléphonique terme utilise par ce dispositif. La terminaison du circuit terme peut être constituee de n'importe quelle combinaison de dispositifs, pourvu que la somme des indices de charge de l'ensemble des dispositifs ne depasse pas 100.

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WARNING!

THE LIMITATIONS OF THIS ALARM SYSTEM

While this system is an advanced design security system, it does not offer guaranteed protection against burglary or other emergency. Any alarm system, whether commercial or residential, is subject to compromise or failure to warn for a variety of reasons. For example:

- Intruders may gain access through unprotected openings or have the technical sophistication to bypass an alarm sensor or disconnect an alarm warning device.
- Intrusion detectors (e.g. passive infrared detectors), smoke detectors, and many other sensing devices will not work without power. Battery operated devices will not work without batteries, with dead batteries, or if the batteries are not put in properly. Devices powered solely by AC will not work if their AC power supply is cut off for any reason, however briefly.
- Signals sent by wireless transmitters may be blocked or reflected by metal before they reach the alarm receiver. Even if the signal path has been recently checked during a weekly test, blockage can occur if a metal object is moved into the path.
- A user may not be able to reach a panic or emergency button quickly enough.
- While smoke detectors have played a key role in reducing residential fire deaths in the United States, they may not activate or provide early warning for a variety of reasons in as many as 35% of all fires, according to data published by the Federal Emergency Management Agency. Some of the reasons smoke detectors used in conjunction with this System may not work are as follows. Smoke detectors may have been improperly installed and positioned. Smoke detectors may not sense fires that start where smoke cannot reach the detectors, such as in chimneys, in walls, or roofs, or on the other side of closed doors. Smoke detectors also may not sense a fire on another level of a residence or building. A second floor detector, for example, may not sense a first floor or basement fire. Moreover, smoke detectors have sensing limitations. No smoke detector can sense every kind of fire every time. In general, detectors may not always warn about fires caused by carelessness and safety hazards like smoking in bed, violent explosions, escaping gas, improper storage of flammable materials, overloaded electrical circuits, children playing with matches, or arson. Depending upon the nature of the fire and/or the locations of the smoke detectors, the detector, even if it operates as anticipated, may not provide sufficient warning to allow all occupants to escape in time to prevent injury or death.
- Passive Infrared Motion Detectors can only detect intrusion within the designed ranges as diagrammed in their installation manual. Passive Infrared Detectors do not provide volumetric area protection. They do create multiple beams of protection, and intrusion can only be detected in unobstructed areas covered by those beams. They cannot detect motion or intrusion that takes place behind walls, ceilings, floors, closed doors, glass partitions, glass doors, or windows.

(Continued)

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WARNING!
THE LIMITATIONS OF THIS ALARM SYSTEM
(continued)

Mechanical tampering, masking, painting or spraying of any material on the mirrors, windows or any part of the optical system can reduce their detection ability. Passive Infrared Detectors sense changes in temperature; however, as the ambient temperature of protected area approaches the temperature range of 90° to 105°F, the detection performance can decrease.

- Alarm warning devices such as sirens, bells or horns may not alert people or wake up sleepers if they are located on the other side of closed or partly open doors. If warning devices sound on a different level of the residence from the bedrooms, then they are less likely to waken or alert people inside the bedrooms. Even persons who are awake may not hear the warning if the alarm is muffled from a stereo, radio, air conditioner or other appliance, or by passing traffic. Finally, alarm warning devices, however loud, may not warn hearing-impaired people or waken deep sleepers.
- Telephone lines needed to transmit alarm signals from a premises to a central monitoring station may be out of service or temporarily out of service. Telephone lines are also subject to compromise by sophisticated intruders.
- Even if the system responds to the emergency as intended, however, occupants may have insufficient time to protect themselves from the emergency situation. In the case of a monitored alarm system, authorities may not respond appropriately.
- This equipment, like other electrical devices, is subject to component failure. Even though this equipment is designed to last as long as 10 years, the electronic components could fail at any time.

The most common cause of an alarm system not functioning when an intrusion or fire occurs is inadequate maintenance. This alarm system should be tested weekly to make sure all sensors and transmitters are working properly.
Installing an alarm system may make one eligible for lower insurance rates, but an alarm system is not a substitute for insurance. Homeowners, property owners and renters should continue to act prudently in protecting themselves and continue to insure their lives and property.

We continue to develop new and improved protection devices. Users of alarm systems owe it to themselves and their loved ones to learn about these developments.

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LIMITED WARRANTY

Terms and Conditions Applying to Sale of Equipment

1. Limited Warranty.

Any part of the system, including the wiring, installed under this Agreement which proves to be defective in material or workmanship within 90 days of the date of completion of installation will be repaired or replaced at ADT's option with a new functionally operative part. Labor and material required to repair or replace such defective components or to make mechanical adjustments to the system will be free of charge for a period of 90 days following the completion of the original installation.

This warranty is extended only to the original consumer purchaser of the system and may be enforced only by such person.

To obtain service under this warranty, call or write our local ADT Service Department at the telephone number or address found in your local yellow pages.

Service pursuant to the warranty will be furnished only during ADT's normal working hours 8:00A.M. to 4:30P.M., Monday through Friday, except holidays. Services rendered outside the normal working hours of ADT are not within the scope of this warranty and any services requested to be performed at such times shall be charged for at ADT's then applicable rates for labor and material.

This warranty does not apply to the conditions listed below, and in the event customer calls ADT for service under the warranty and upon inspection it is found that one of these conditions has led to the inoperability or apparent inoperability of the system, a charge will be made for the service call of the ADT representative, whether or not he actually works on the system. Should it actually be necessary to make repairs to the system due to one of the "conditions Not Covered By Warranty", a charge will be made for such work at ADT's then applicable rates for labor and material.

Conditions Not Covered By Warranty.

A. Damage from accidents, acts of God, alterations, misuse, tampering or abuse. **B.** Failure of the customer to properly close or secure a door, window, or other point protected by a burglar alarm device. **C.** Failure of customer to properly follow operating instructions provided by ADT at time of installation or at a later date. **D.** Trouble in leased telephone. **E.** Trouble due to interruption of commercial power. **F.** Battery replacements.

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This warranty is in lieu of all other express warranties. Any implied warranties of merchantability and fitness for a particular purpose are limited in duration to a period of 90 days from the date of completion of installation. The exclusive remedy of the customer hereunder shall be repair or replacement as stated above. Under no circumstances shall ADT be liable to the customer or any other person for incidental or consequential damages of any nature, including without limitation, damages for personal injury or damages to property, and, however occasioned, whether alleged as resulting from breach of warranty by ADT, the negligence of ADT, or otherwise, ADT's liability will in no event exceed the purchase price of the system. Some states may not allow limitations on how long an implied warranty lasts, or the exclusion or limitations of incidental or consequential damages, so the above limitations and exclusions may not apply to you, unless a longer period is required by applicable law. Any action against ADT in connection with a system must be commenced within one year after the cause of action has occurred.

No agent, employee or representative of ADT nor any other person is authorized to modify this warranty in any respect.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

2. Installation.

ADT agrees to install the equipment in a workmanlike manner in accordance with the following conditions: **A.** Customer will make premises available without interruption during ADT normal working hours 8:00A.M. to 4:30P.M., Monday through Friday, except Holidays. **B.** Customer understands that the installation will necessitate drilling into various parts of the premises: ADT intends, generally, to conceal wiring in the finished areas of the premises; however, there may be areas which, due to construction, decoration, or furnishing of the premises, ADT determines, in its sole discretion, that it would be impractical to conceal wiring and, in such cases, wiring will be exposed. **C.** Customer agrees to provide 110 VAC electrical outlets at designated locations for equipment requiring AC power. **D.** Customer to provide for lifting and replacing carpeting, if required, for installation of floor mats or wiring.

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